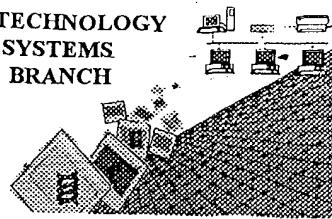


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

10/675,226

Source:

TFW0-01PZ

Date Processed by STIC:

10/7/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/2003):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Revised 10/08/2003



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/675,226

DATE: 10/07/2003
TIME: 14:16:37

Input Set : A:\14233.10USU1-Romeo-Sequence Listing.txt
Output Set: N:\CRF4\10072003\J675226.raw

SEQUENCE LISTING

4 (1) GENERAL INFORMATION:

C--> 7 (i) APPLICANT: Romeo, Tony

W--> 25 (ii) TITLE OF INVENTION: Methods for Polysaccharide Adhesin Synthesis
Modulation

28 (iii) NUMBER OF SEQUENCES: 9

W--> 17 (B) STREET: c/o Ridout & Maybee
18 (C) CITY: Toronto
19 (D) STATE: Ont
20 (E) COUNTRY: Canada

C--> 21 (F) ZIP: M5C 3B1

C--> 30 (v) COMPUTER READABLE FORM:

31 (A) MEDIUM TYPE: Floppy disk
32 (B) COMPUTER: IBM PC compatible
33 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
34 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

Does Not Comply
Corrected Diskette Needed

C--> 36 (vi) CURRENT APPLICATION DATA:

C--> 37 (A) APPLICATION NUMBER: US/10/675,226
C--> 0 (B) FILING DATE: 29-Sep-2003

C--> 0 (viii) ATTORNEY/AGENT INFORMATION:

W--> 16 (A) NAME: Wang, Xin

C--> 0 (ix) TELECOMMUNICATION INFORMATION:

C--> 22 (A) TELEPHONE: 4168653505

C--> 23 (B) TELEFAX: 4163621482

See attached
P

39 (2) INFORMATION FOR SEQ ID NO: 1:

41 (i) SEQUENCE CHARACTERISTICS:

42 (A) LENGTH: 2460 base pairs
43 (B) TYPE: nucleic acid
44 (C) STRANDEDNESS: unknown
45 (D) TOPOLOGY: unknown

47 (ii) MOLECULE TYPE: DNA (genomic)

49 (iii) HYPOTHETICAL: NO

C--> 51 (iv) ANTI-SENSE: NO

53 (vi) ORIGINAL SOURCE:

54 (A) ORGANISM: E. coli

57 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

59	ATGTATTCAA GTAGCAGAAA AAGGTGCCCG AAAACCAAAT GGGCTTTGAA ACTTCTTACT	60
61	GCCGCATTTC TAGCAGCGAG TCCCGCGGGCG AAGAGTGCTG TTAATAACGC CTATGATGCA	120
63	TTGATTATTG AAGCTCGCAA GGGTAATACT CAGCCAGCTT TGTCTATGGTT TGCACAAAAA	180
65	TCAGCACTCA GCAATAACCA AATTGCTGAC TGGTTACAGA TTGCCTTATG GGCGGGGCAA	240
67	GATAAACAGG TTATTACCGT TTACAACCGC TACCGTCATC AGCAATTACC AGCGCGTGGT	300
69	TATGCAGCTG TCGCCGTCGC TTATCGTAAC CTGCAACAAT GGCAAAACTC GCTTACACTG	360
71	TGGCAAAAGG CGCTCTCTCT GGAGCCGCAA AATAAGGATT ATCAACGGGG ACAAATTAA	420

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/675,226

DATE: 10/07/2003
TIME: 14:16:37

Input Set : A:\14233.10USU1-Romeo-Sequence Listing.txt
Output Set: N:\CRF4\10072003\J675226.raw

73	ACCCGGCAG	ATGCTGGTCA	CTATGATACT	GCGCTGGTTA	AACTTAAGCA	GCTTAACTCT	480
75	GGAGCACCGG	ACAAAGCAA	TTTACTCGCA	GAAGCCTATA	TCTATAAATC	GGCGGGCGT	540
77	CATCAGGATG	AATTACGGGC	GATGACAGAG	TCATTACCTG	AAAATGCATC	TACCCAACAA	600
79	TATCCCACAG	AATACTGCA	GGCATTACGT	AATAATCAAC	TTGCTGCCGC	GATTGACGAT	660
81	GCCAATTAA	CGCCAGATAT	TCGCGCTGAT	ATTCATGCCG	AACTGGTCAG	ACTGTCGTT	720
83	ATGCCTACGC	GCAGTGAAG	TGAACGTTAT	GCCATTGCCG	ATCGCGCCCT	CGCCCAATAC	780
85	GCTGCATTAG	AAATTCTGTG	GCACGATAAC	CCAGACCGCA	CTGCCAGTA	CCAGCGTATT	840
87	CAGGTTGATC	ATCTTGGCGC	GTATTAACT	CGCGATCGTT	ATAAAGACGT	TATTCTCAC	900
89	TATCAGCGAT	AAAAAAAGAC	GGGGCAAATT	ATTCCGCCCT	GGGGGCAATA	TTGGGTTGCA	960
91	TCGGCTTATC	TCAAAGATCA	TCAGCCGAAA	AAAGCACAGT	CAATAATGAC	CGAGCTCTT	1020
93	TATCACAAGG	AGACCATTGC	CCCGGATTTA	TCCGATGAAG	AACTTGCGGA	TCTCTTTAC	1080
95	AGCCACCTGG	AGAGTGAAGA	TTATCCGGGC	GCGCTAACTG	TCACCCAACA	TACCATTAAT	1140
97	ACTTCGCCGC	CTTCTCTTCG	GTAAATGGGC	ACGCCCTACGA	GCATCCCGAA	TGATACCTGG	1200
99	TTACAGGGGC	ATTCTGTTCT	CTCAACCGTA	GCAAAATATA	GTAATGATCT	TCCCTCAGGCT	1260
101	GAAATGACAG	CCAGAGAGCT	TGCTTATAAC	GCACCCAGGA	ATCAGGGACT	GCGCATTTGAT	1320
103	TACGCGAGTG	TGTTACAAGC	CCGCGGTTGG	CCTCGTGCAG	CAGAAAATGA	ATTAAAAAAA	1380
105	GCAGAAGTGA	TCGAGCCACG	TAATATTAAT	CTGGAGGTTG	AAACAAGCCTG	GACAGCATT	1440
107	ACGTTACAAG	AATGGCAGCA	GGCAGCTGTC	TTAACGCACG	ATGTTGTCGA	ACGTGAACCG	1500
109	CAAGATCCCG	GCCTGTTACG	ATAAAAACGT	GCGGTTGATG	TACATAATCT	TGCAGAGCTT	1560
111	CGTATCGCTG	GCTAACACAGG	AATTGATGCC	GAAGGCCCGG	ATAGTGGTAA	ACATGATGTC	1620
113	GACTTAACCA	CCATCGTTA	TTCACCACCG	CTGAAGGATA	ACTGGCCGG	TTTGCTGGA	1680
115	TTCGGTTATG	CCGATGGACA	ATTAGCGAA	GGAAAAGGGA	TTGTTCGCGA	CTGGCTTGCG	1740
117	GGTGGTGGAGT	GGCGGTACG	TAATATCTGG	CTCGAGGCG	AGTACGCTGA	ACCGCTTTTC	1800
119	AATCATGAGC	ATAAACCCGG	CGCGCGCCCTG	TCTGGCTGGT	ATGATTTAA	TGATAACTGG	1860
121	CGTATTGGTT	CGCAACTGGA	ACGCCTCTCT	CACCGCGTTC	CATTACGGGC	AATGAAAAAT	1920
123	GGTGGTACAG	GCAACAGTGC	TCAGGCTTAT	GTTCGCTGGT	ATCAAAATGA	CGGGCGTAAG	1980
125	TACGGTGTCT	CCTGGGCTTT	CACTGATTTT	TCCGACAGTA	ACCGCGTCA	TGAAGTCTCA	2040
127	CTTGAGGGTC	AGGAACGCAT	CTGGTCTTCA	CCATATTGA	TTGTCGATTT	CCTACCCAGT	2100
129	CTGTATTACG	AACAAAATAC	AGAACACCGAT	ACCCCATACT	ACAACCCAT	AAAACGTTC	2160
131	GATATTGTC	CGGCATTGTA	GGCAAGCCAT	TTGTTATGGC	GAAGCTATGA	AAATAGCTGG	2220
133	GAGCAAATAT	TCAGCGCAGG	TGTTGGTGC	TCCTGGCAAA	AACATTATGG	CACGGATGTC	2280
135	GTCACCCAAAC	TCGGCTACGG	GCAACGCATT	AGTTGGAATG	ACGTGATTGA	TGCTGGCGCA	2340
137	ACGCTACGCT	GGGAAAAACG	ACCTTATGAC	GGTGACAGAG	AACACAAC	ATACGTTGAA	2400
139	TTCGATATGA	CATTAGGATT	TTAAGGATAA	ATATGTTACG	TAATGAAAT	AAATATCTCC	2460

142 (2) INFORMATION FOR SEQ ID NO: 2:

144 (i) SEQUENCE CHARACTERISTICS:

145 (A) LENGTH: 807 amino acids

146 (B) TYPE: amino acid

147 (C) STRANDEDNESS: unknown

148 (D) TOPOLOGY: unknown

150 (ii) MOLECULE TYPE: peptide

152 (iii) HYPOTHETICAL: NO

C--> 154 (iv) ANTI-SENSE: NO

156 (vi) ORIGINAL SOURCE:

157 (A) ORGANISM: E. coli

160 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

162 Met Tyr Ser Ser Ser Arg Lys Arg Cys Pro Lys Thr Lys Trp Ala Leu

163 1 5 10 15

165 Lys Leu Leu Thr Ala Ala Phe Leu Ala Ala Ser Pro Ala Ala Lys Ser

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/675,226

DATE: 10/07/2003

TIME: 14:16:37

Input Set : A:\14233.10USU1-Romeo-Sequence Listing.txt
Output Set: N:\CRF4\10072003\J675226.raw

166	20	25	30
168	Ala Val Asn Asn Ala Tyr Asp Ala Leu Ile Ile Glu Ala Arg Lys Gly		
169	35	40	45
171	Asn Thr Gln Pro Ala Leu Ser Trp Phe Ala Leu Lys Ser Ala Leu Ser		
172	50	55	60
174	Asn Asn Gln Ile Ala Asp Trp Leu Gln Ile Ala Leu Trp Ala Gly Gln		
175	65	70	75
177	Asp Lys Gln Val Ile Thr Val Tyr Asn Arg Tyr Arg His Gln Gln Leu		
178	85	90	95
180	Pro Ala Arg Gly Tyr Ala Ala Val Ala Val Ala Tyr Arg Asn Leu Gln		
181	100	105	110
183	Gln Trp Gln Asn Ser Leu Thr Leu Trp Gln Lys Ala Leu Ser Leu Glu		
184	115	120	125
186	Pro Gln Asn Lys Asp Tyr Gln Arg Gly Gln Ile Leu Thr Leu Ala Asp		
187	130	135	140
189	Ala Gly His Tyr Asp Thr Ala Leu Val Lys Leu Lys Gln Leu Asn Ser		
190	145	150	155
192	Gly Ala Pro Asp Lys Ala Asn Leu Leu Ala Glu Ala Tyr Ile Tyr Lys		
193	165	170	175
195	Leu Ala Gly Arg His Gln Asp Glu Leu Arg Ala Met Thr Glu Ser Leu		
196	180	185	190
198	Pro Glu Asn Ala Ser Thr Gln Gln Tyr Pro Thr Glu Tyr Val Gln Ala		
199	195	200	205
201	Leu Arg Asn Asn Gln Leu Ala Ala Ala Ile Asp Asp Ala Asn Leu Thr		
202	210	215	220
204	Pro Asp Ile Arg Ala Asp Ile His Ala Glu Leu Val Arg Leu Ser Phe		
205	225	230	235
207	Met Pro Thr Arg Ser Glu Ser Glu Arg Tyr Ala Ile Ala Asp Arg Ala		
208	245	250	255
210	Leu Ala Gln Tyr Ala Ala Leu Glu Ile Leu Trp His Asp Asn Pro Asp		
211	260	265	270
213	Arg Thr Ala Gln Tyr Gln Arg Ile Gln Val Asp His Leu Gly Ala Leu		
214	275	280	285
216	Leu Thr Arg Asp Arg Tyr Lys Asp Val Ile Ser His Tyr Gln Arg Leu		
217	290	295	300
219	Lys Lys Thr Gly Gln Ile Ile Pro Pro Trp Gly Gln Tyr Trp Val Ala		
220	305	310	315
222	Ser Ala Tyr Leu Lys Asp His Gln Pro Lys Lys Ala Gln Ser Ile Met		
223	325	330	335
225	Thr Glu Leu Phe Tyr His Lys Glu Thr Ile Ala Pro Asp Leu Ser Asp		
226	340	345	350
228	Glu Glu Leu Ala Asp Leu Phe Tyr Ser His Leu Glu Ser Glu Asn Tyr		
229	355	360	365
231	Pro Gly Ala Leu Thr Val Thr Gln His Thr Ile Asn Thr Ser Pro Pro		
232	370	375	380
234	Phe Leu Arg Leu Met Gly Thr Pro Thr Ser Ile Pro Asn Asp Thr Trp		
235	385	390	395
237	Leu Gln Gly His Ser Phe Leu Ser Thr Val Ala Lys Tyr Ser Asn Asp		
238	405	410	415

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/10/675,226

DATE: 10/07/2003
 TIME: 14:16:37

Input Set : A:\14233.10USU1-Romeo-Sequence Listing.txt
 Output Set: N:\CRF4\10072003\J675226.raw

240 Leu Pro Gln Ala Glu Met Thr Ala Arg Glu Leu Ala Tyr Asn Ala Pro
 241 420 425 430
 243 Gly Asn Gln Gly Leu Arg Ile Asp Tyr Ala Ser Val Leu Gln Ala Arg
 244 435 440 445
 246 Gly Trp Pro Arg Ala Ala Glu Asn Glu Leu Lys Lys Ala Glu Val Ile
 247 450 455 460
 249 Glu Pro Arg Asn Ile Asn Leu Glu Val Glu Gln Ala Trp Thr Ala Leu
 250 465 470 475 480
 252 Thr Leu Gln Glu Trp Gln Gln Ala Ala Val Leu Thr His Asp Val Val
 253 485 490 495
 255 Glu Arg Glu Pro Gln Asp Pro Gly Val Val Arg Leu Lys Arg Ala Val
 256 500 505 510
 258 Asp Val His Asn Leu Ala Glu Leu Arg Ile Ala Gly Ser Thr Gly Ile
 259 515 520 525
 261 Asp Ala Glu Gly Pro Asp Ser Gly Lys His Asp Val Asp Leu Thr Thr
 262 530 535 540
 264 Ile Val Tyr Ser Pro Pro Leu Lys Asp Asn Trp Arg Gly Phe Ala Gly
 265 545 550 555 560
 267 Phe Gly Tyr Ala Asp Gly Gln Phe Ser Glu Gly Lys Gly Ile Val Arg
 268 565 570 575
 270 Asp Trp Leu Ala Gly Val Glu Trp Arg Ser Arg Asn Ile Trp Leu Glu
 271 580 585 590
 273 Ala Glu Tyr Ala Glu Arg Val Phe Asn His Glu His Lys Pro Gly Ala
 274 595 600 605
 276 Arg Leu Ser Gly Trp Tyr Asp Phe Asn Asp Asn Trp Arg Ile Gly Ser
 277 610 615 620
 279 Gln Leu Glu Arg Leu Ser His Arg Val Pro Leu Arg Ala Met Lys Asn
 280 625 630 635 640
 282 Gly Val Thr Gly Asn Ser Ala Gln Ala Tyr Val Arg Trp Tyr Gln Asn
 283 645 650 655
 285 Glu Arg Arg Lys Tyr Gly Val Ser Trp Ala Phe Thr Asp Phe Ser Asp
 286 660 665 670
 288 Ser Asn Gln Arg His Glu Val Ser Leu Glu Gly Gln Glu Arg Ile Trp
 289 675 680 685
 291 Ser Ser Pro Tyr Leu Ile Val Asp Phe Leu Pro Ser Leu Tyr Tyr Glu
 292 690 695 700
 294 Gln Asn Thr Glu His Asp Thr Pro Tyr Tyr Asn Pro Ile Lys Thr Phe
 295 705 710 715 720
 297 Asp Ile Val Pro Ala Phe Glu Ala Ser His Leu Leu Trp Arg Ser Tyr
 298 725 730 735
 300 Glu Asn Ser Trp Glu Gln Ile Phe Ser Ala Gly Val Gly Ala Ser Trp
 301 740 745 750
 303 Gln Lys His Tyr Gly Thr Asp Val Val Thr Gln Leu Gly Tyr Gly Gln
 304 755 760 765
 306 Arg Ile Ser Trp Asn Asp Val Ile Asp Ala Gly Ala Thr Leu Arg Trp
 307 770 775 780
 309 Glu Lys Arg Pro Tyr Asp Gly Asp Arg Glu His Asn Leu Tyr Val Glu
 310 785 790 795 800
 312 Phe Asp Met Thr Phe Arg Phe

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/675,226

DATE: 10/07/2003
TIME: 14:16:37

Input Set : A:\14233.10USU1-Romeo-Sequence Listing.txt
Output Set: N:\CRF4\10072003\J675226.raw

313 805
 315 (2) INFORMATION FOR SEQ ID NO: 3:
 317 (i) SEQUENCE CHARACTERISTICS:
 318 (A) LENGTH: 2031 base pairs
 319 (B) TYPE: nucleic acid
 320 (C) STRANDEDNESS: unknown
 321 (D) TOPOLOGY: unknown
 323 (ii) MOLECULE TYPE: DNA (genomic)
 325 (iii) HYPOTHETICAL: NO
 C--> 327 (iv) ANTI-SENSE: NO
 329 (vi) ORIGINAL SOURCE:
 330 (A) ORGANISM: E. coli
 333 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
 335 TTAAGGATAA ATATGTTACG TAATGGAAT AAATATCTCC TGATGCTGGT GAGTATAATT 60
 337 ATGCTCACCG CGTGCATTAG CCAGTCAGA ACATCATTAA TACCGCCACA GGATCGCGAA 120
 339 TCTTTACTCG CCGAGCAACC GTGGCCGCAT AATGGTTTG TAGCGATTC ATGGCATAAC 180
 341 GTTGAAGACG AAGCTGCCGA CCAGCGTTTT ATGTCAGTGC GGACATCAGC ACTGCGTGAA 240
 343 CAATTTGCTT GGCTGCCGA GAACGGTTAT CAACCGGTCA GTATTGCTCA AATTCGTGAA 300
 345 GCACATCGAG GAGGAAAACC GCTACCGGAA AAAGCTGTAG TGCTGACTTT TGATGACGGC 360
 347 TACCAAGATT TTTATACCCG CGTCTTCCCA ATTCTTCAGG CCTTCCAGTG GCCTGCTGTA 420
 349 TGGGGCCCCCG TCGGCAGTTG GGTGCAATACG CCAGCGGATA ACAAGTAAA ATTTGGCGAT 480
 351 GAGTTGGTCG ATCGAGAATA TTTGCCACG TGGCAACAAG TGCGAGAAGT TGCGCGTTCC 540
 353 CGGCTCGTT AGCTCGCTTC TCATACATGG ATTCTCACT ACGGTATTCA GGCTAATGCC 600
 355 ACCGGCAGCT TATTGCTGT ATATGTAAT CGTGCATATT TTACTGACCA CGCACGGTAT 660
 357 GAAACCGCAG CAGAATACCG GGAAAGAATT CGTCTGGATG CTGTAAAAAT GACGGAATAC 720
 359 CTGCGTACAA AGGTGAGGT AAATCCACAC GTTTTGTTT GGCCTTATGG CGAAGCGAAT 780
 361 GGCATAGCGA TAGAGGAATT AAAAAGACTC GGTATGACA TGTCTTCAC CCTTGAATCA 840
 363 GGTTTGGCAA ATGCGTCGCA ATTGGATTCC ATTCCCGCGGG TATTAATCGC CAATAATCCC 900
 365 TCATTAAGAG AGTTGCCCA GCAAATTATT ACCGTACAGG AAAAATCACC ACAACGGATA 960
 367 ATGCATATCG ATCTGATTA CGTTTATGAC GAAAACCTCC AGCAAATGGA TCGCAATATT 1020
 369 GATGTGCTAA TTCAGCGGGT GAAAGATATG CAAATATCAA CCGTGTATTT GCAGGCATTT 1080
 371 GCTGATCCCG ATGGTGATGG GCTGGTCAAA GAGGTCTGGT TTCCAAATCG TTTGCTACCA 1140
 373 ATGAAAGCAG ATATTTTAG TCGGGTTGCC TGGCAATTAC GTACCCGCTC AGGTGTAAAC 1200
 375 ATCTATGCGT GGATGCCGGT ATTAAGCTGG GATTAGATC CCACATTAAAC GCGAGTAAAA 1260
 377 TACTTACCAA CAGGGGAGAA AAAAGCACAA ATTACATCCTG ACAAAATATCA CCGTCTCTCT 1320
 379 CCTTCGATG ACAGAGTCAG AGCACAAGTT GGCATGTTAT ATGAAGATCT TGCGGGACAT 1380
 381 GCTGCTTTG ATGGCATATT GTTCCACCGAT GATGCTTGC TTTCAGATTA TGAAGATGCC 1440
 383 AGTGCACCGG CTATCACGGC TTATCAGCAA GCAGGCTTTA GCGGGAGCTC GAGCGAAATT 1500
 385 CGACAAAACC CGGAGCAATT TAAACAGTGG GCCCGCTTTA AAAGTCGTGC GTTAACTGAC 1560
 387 TTCACTTTAG AACTAGTGC GCGCGTAAA GCCATTGCG GTCCACATAT TAAAACGTCA 1620
 389 CGAAATATTG TTGCACTTCC GGTAAATACAA CCTGAAAGTG AAGCCTGGTT TGCACAGAAAT 1680
 391 TATGCTGATT TCCTAAAAAG CTATGACTGG ACCGCTATTA TGGCTATGCC TTATCTGGAA 1740
 393 GGTGTCGCAG AAAAATCGGC TGACCAATGG TTAATACAAAT TGACCAATCA AATTAAAAAC 1800
 395 ATCCCTCAGG CTAAAGACAA ATCTATTTA GAATTACAGG CACAAAACGT GCAGAAAAAT 1860
 397 GGTCAAGCATC AGGCTATTTC TTCGCAACAA CTCGCTACT GGATGAGCCT ATTACAACGT 1920
 399 AATGGAGTGA AAAACTATGG TTATTATCCC GACAATTTC TGCAACACCA ACCTGAAATA 1980
 401 GACCTTATTTC GTCTGAGTT TTCAACAGCC TGGTATCCGA AAAATGATTA A 2031
 403 (2) INFORMATION FOR SEQ ID NO: 4:
 405 (i) SEQUENCE CHARACTERISTICS:

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/675,226

DATE: 10/07/2003

TIME: 14:16:38

Input Set : A:\14233.10USU1-Romeo-Sequence Listing.txt
Output Set: N:\CRF4\10072003\J675226.raw

L:7 M:220 C: Keyword misspelled or invalid format, [(i) APPLICANT:] of (1) line corrected
L:8 M:238 W: Alpha Fields not Ordered, Reordered [(B) STREET:] of (1)(iv)
L:12 M:220 C: Keyword misspelled or invalid format, [(F) ZIP:]
L:13 M:220 C: Keyword misspelled or invalid format, [(A) TELEPHONE:]
L:14 M:220 C: Keyword misspelled or invalid format, [(B) TELEFAX:]
L:16 M:238 W: Alpha Fields not Ordered, Reordered [(A) NAME:] of (1)(viii)
L:17 M:238 W: Alpha Fields not Ordered, Reordered [(B) STREET:] of (1)(iv)
L:21 M:220 C: Keyword misspelled or invalid format, [(F) ZIP:]
L:22 M:220 C: Keyword misspelled or invalid format, [(A) TELEPHONE:]
L:23 M:220 C: Keyword misspelled or invalid format, [(B) TELEFAX:]
L:25 M:238 W: Alpha Fields not Ordered, Reordered [(ii) TITLE OF INVENTION:] of (1)
L:30 M:220 C: Keyword misspelled or invalid format, [(v) COMPUTER READABLE FORM:]
L:36 M:220 C: Keyword misspelled or invalid format, [(vi) CURRENT APPLICATION DATA:]
L:36 M:220 C: Keyword misspelled or invalid format, [(vi) CURRENT APPLICATION DATA:]
L:37 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:37 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:0 M:247 C: Inserted Optional Header Field, [(viii) ATTORNEY/AGENT INFORMATION:]
L:0 M:247 C: Inserted Optional Header Field, [(ix) TELECOMMUNICATION INFORMATION:]
L:0 M:249 C: Inserted Mandatory Field, [(B) FILING DATE:]
L:51 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:154 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:327 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:415 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:562 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:629 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:733 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:755 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]
L:777 M:220 C: Keyword misspelled or invalid format, [(iv) ANTI-SENSE:]

10/6/75, 2267

SEQUENCE LISTING

(1) GENERAL INFORMATION:

(i) APPLICANT: ↑ move to (i) APPLICANT line

(A) NAME: Romeo, Tony
(B) STREET: c/o Ridout & Maybee
(C) CITY: Toronto
(D) STATE: Ont
(E) COUNTRY: Canada
(F) POSTAL CODE (ZIP): M5C 3B1
(G) TELEPHONE: 4168653505
(H) TELEFAX: 4163620823

(A) NAME: Wang, Xin ↑ move under first applicant
(B) STREET: c/o Ridout & Maybee
(C) CITY: Toronto
(D) STATE: Ont
(E) COUNTRY: Canada
(F) POSTAL CODE (ZIP): M5C 3B1
(G) TELEPHONE: 4168653505
(H) TELEFAX: 4163621482

(ii) TITLE OF INVENTION: Methods for Polysaccharide Adhesin Synthesis
Modulation

(iii) NUMBER OF SEQUENCES: 9

(iv) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)

⑤ CORRESPONDENCE ADDRESS:
(A) ADDRESSEE:
(B) STREET:
(C) CITY:
(D) STATE:
(E) COUNTRY:
(F) ZIP:

(v) CURRENT APPLICATION DATA;

(A) APPLICATION NUMBER: CA 2,411,508

(B) FILING DATE:

this is not the
current
application
number

insert (vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: ←

✓ (B) FILING DATE: ← mandatory

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